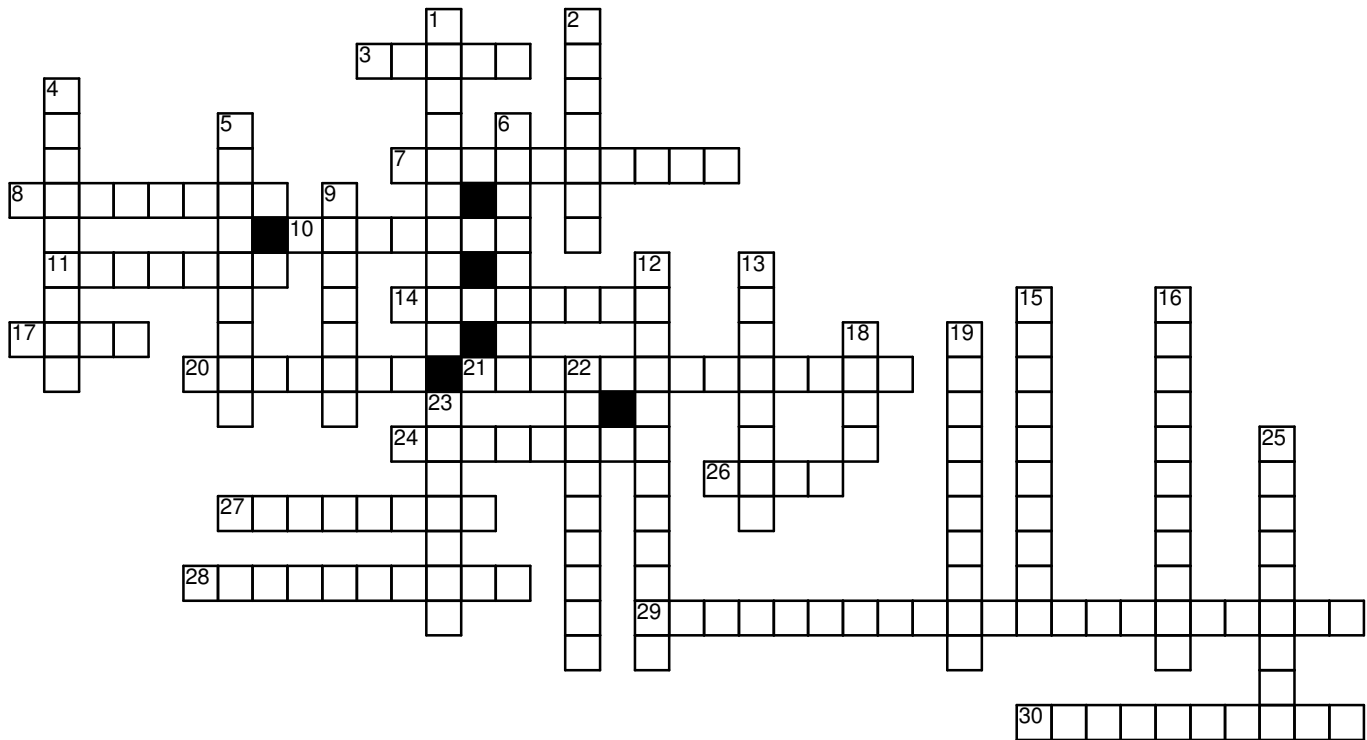


Complete the puzzle using the clues shown below.



**Across**

- 3. = distance/time
- 7. a flammable gas fossil fuel
- 8. example: 5 m/s Northwest
- 10. force that keeps you on the earth
- 11. force that keeps a guitar string in tune
- 14. opposite poles repel
- 17. information gathered in an experiment
- 20. very risky energy source (but accidents are rare)
- 21. energy source that can damage natural habitats after being built
- 24. = speed/time
- 26. a solid fossil fuel
- 27. type of force w/ net force = 0
- 28. also called the dependent variable
- 29. HOW you measured your variables
- 30. an educated guess

**Down**

- 1. example: the spring in a mousetrap
- 2. commonly used in undeveloped areas
- 4. energy ready to be released
- 5. a liquid fossil fuel
- 6. force that keeps a boat afloat
- 9. what you are trying to solve in an experiment
- 12. a rate change w/ common unit m/s/s
- 13. force that stops your shoes from slipping out from under you
- 15. force that will change an object's direction
- 16. also called the manipulated variable
- 18. = distance/speed
- 19. takes heat from the earth
- 22. examples: solar, wind, hydroelectric
- 23. tidal and hydroelectric both harness the \_\_\_\_\_ energy of water
- 25. what is needed to conduct an experiment